

FORM PTO-1449/A and B (Modified)				APPLICATION NO.: 10/812653	ATTY. DOCKET NO.: H0498.70112US01
				FILING DATE: March 29, 2004	CONFIRMATION NO.: 3416
				APPLICANT: Charles M. Lieber, et al.	
Sheet	1	of	2	GROUP ART UNIT: 2814	EXAMINER: Howard Weiss

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document
		Number	Kind Code		
HW	10/812653	2,923,920		Fitch	02-02-1960
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Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
	WO	96/29629	A2		President and Fellows of Harvard College	09-26-1996	
	WO	97/34025	A1		President and Fellows of Harvard College	09-18-1997	

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
HW		COLLINS, et al., "Nanotube Nanodevice," <i>Science</i> 278 (1997) pp. 100-103.	
		DUME, "Sizing up nanotubes," <i>Physics Web</i> , June 28, 2006 (web article).	
		KIM, et al., "Electronic Density of States of Atomically-Resolved Single-Walled Carbon Nanotubes: Van Hove Singularities and End States" <i>Phys. Rev. Lett.</i> 82, 1225-1228 (1999).	
		KONG, et al., "Synthesis of Individual Single-Walled Carbon Nanotubes on Patterned Silicon Wafers", <i>Nature</i> 395, 878-881 (1998).	
		KONG, et al., "Chemical Vapor Deposition of Methane for Single-Walled Carbon Nanotubes" <i>Chem. Phys. Lett.</i> 292, 567-574 (1998).	
		LIU, et al, in "Controlled Deposition of Individual Single-Walled Carbon Nanotubes on Chemically Functionalized Templates," <i>Chem. Phys. Lett.</i> 303 (1999) 125-129.	
		TANS, et al., "Room-temperature transistor based on a single carbon nanotube," <i>Nature</i> 393 (1998) pp. 49-52.	
		WONG, et al., "Covalently Functionalized Nanotubes as Nanometer Probes for Chemistry and Biology" <i>Nature</i> 394, 52-55 (1998).	
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		YAMAMOTO, et al., "Orientation and Purification of Carbon Nanotubes using AC Electrophoresis," <i>J. Phys. D: Appl. Phys.</i> 31(8), L34-L36 (1998).	

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HW		Office Action dated 04/07/2006 from U.S. Patent Application Serial No. 10/973,665		
HW		Office Action dated 05/23/2006 from U.S. Patent Application Serial No. 11/283,631		
HW		Office Action dated 04/03/2006 from U.S. Patent Application Serial No. 11/313,096		

EXAMINER: /Howard Weiss/	DATE CONSIDERED: 10/06/2006
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in prior applications, Serial No. ___, filed ___, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - The Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC 371 after June 30, 2003. See 37 CFR 1.491(b). For all patent applications filed on or before June 30, 2003, copies of cited U.S. patents and patent application publications are still required unless an eIDS is filed. Copies of all other patent(s), publication(s), or other information listed must still be provided, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]